Pal Pacher

List of Publications by Year
in descending order

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379 papers	47,396 citations	1301 109 h-index	2178 202 g-index
394 all docs	394 docs citations	394 times ranked	48411 citing authors

#	Article	IF	Citations
1	Nitric Oxide and Peroxynitrite in Health and Disease. Physiological Reviews, 2007, 87, 315-424.	28.8	5,209
2	The Endocannabinoid System as an Emerging Target of Pharmacotherapy. Pharmacological Reviews, 2006, 58, 389-462.	16.0	2,274
3	Adenosine receptors: therapeutic aspects for inflammatory and immune diseases. Nature Reviews Drug Discovery, 2008, 7, 759-770.	46.4	990
4	Therapeutic Effects of Xanthine Oxidase Inhibitors: Renaissance Half a Century after the Discovery of Allopurinol. Pharmacological Reviews, 2006, 58, 87-114.	16.0	984
5	CD39 and CD73 in immunity and inflammation. Trends in Molecular Medicine, 2013, 19, 355-367.	6.7	914
6	Endocannabinoid activation at hepatic CB1 receptors stimulates fatty acid synthesis and contributes to diet-induced obesity. Journal of Clinical Investigation, 2005, 115, 1298-1305.	8.2	847
7	Measurement of cardiac function using pressureâ€"volume conductance catheter technique in mice and rats. Nature Protocols, 2008, 3, 1422-1434.	12.0	633
8	NO-independent stimulators and activators of soluble guanylate cyclase: discovery and therapeutic potential. Nature Reviews Drug Discovery, 2006, 5, 755-768.	46.4	623
9	Activation of the Peripheral Endocannabinoid System in Human Obesity. Diabetes, 2005, 54, 2838-2843.	0.6	619
10	Immunity, inflammation and cancer: a leading role for adenosine. Nature Reviews Cancer, 2013, 13, 842-857.	28.4	612
11	Endocannabinoid signaling at the periphery: 50 years after THC. Trends in Pharmacological Sciences, 2015, 36, 277-296.	8.7	524
12	Cannabinoids mediate analgesia largely via peripheral type 1 cannabinoid receptors in nociceptors. Nature Neuroscience, 2007, 10, 870-879.	14.8	504
13	Endocannabinoid activation at hepatic CB1 receptors stimulates fatty acid synthesis and contributes to diet-induced obesity. Journal of Clinical Investigation, 2005, 115, 1298-1305.	8.2	494
14	Soluble Guanylate Cyclase as an Emerging Therapeutic Target in Cardiopulmonary Disease. Circulation, 2011, 123, 2263-2273.	1.6	483
15	Dysregulation of the Peripheral and Adipose Tissue Endocannabinoid System in Human Abdominal Obesity. Diabetes, 2006, 55, 3053-3060.	0.6	477
16	Cannabidiol Attenuates Cardiac Dysfunction, Oxidative Stress, Fibrosis, and Inflammatory and Cell Death Signaling Pathways in Diabetic Cardiomyopathy. Journal of the American College of Cardiology, 2010, 56, 2115-2125.	2.8	389
17	Resveratrol induces mitochondrial biogenesis in endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H13-H20.	3.2	378
18	Drug-induced mitochondrial dysfunction and cardiotoxicity. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1453-H1467.	3.2	377

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19	Is lipid signaling through cannabinoid 2 receptors part of a protective system?. Progress in Lipid Research, 2011, 50, 193-211.	11.6	362
20	Evidence for novel cannabinoid receptors. , 2005, 106, 133-145.		350
21	Role of the Peroxynitrite-Poly(ADP-Ribose) Polymerase Pathway in Human Disease. American Journal of Pathology, 2008, 173, 2-13.	3.8	348
22	Cardiovascular Side Effects of New Antidepressants and Antipsychotics: New Drugs, old Concerns?. Current Pharmaceutical Design, 2004, 10, 2463-2475.	1.9	344
23	Simultaneous detection of apoptosis and mitochondrial superoxide production in live cells by flow cytometry and confocal microscopy. Nature Protocols, 2007, 2, 2295-2301.	12.0	324
24	Modulating the endocannabinoid system in human health and disease â€“ successes and failures. FEBS Journal, 2013, 280, 1918-1943.	4.7	315
25	Role of superoxide, nitric oxide, and peroxynitrite in doxorubicin-induced cell death in vivo and in vitro. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H1466-H1483.	3.2	314
26	Role of Nitrosative Stress and Peroxynitrite in the Pathogenesis of Diabetic Complications. Emerging New Therapeutical Strategies. Current Medicinal Chemistry, 2005, 12, 267-275.	2.4	308
27	Adenosine promotes alternative macrophage activationviaA2A and A2B receptors. FASEB Journal, 2012, 26, 376-386.	0.5	306
28	Endocannabinoids Acting at Cannabinoid-1 Receptors Regulate Cardiovascular Function in Hypertension. Circulation, 2004, 110, 1996-2002.	1.6	304
29	Resveratrol attenuates mitochondrial oxidative stress in coronary arterial endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1876-H1881.	3.2	300
30	The Role of Poly(ADP-Ribose) Polymerase Activation in the Development of Myocardial and Endothelial Dysfunction in Diabetes. Diabetes, 2002, 51, 514-521.	0.6	286
31	Cardiovascular effects of marijuana and synthetic cannabinoids: the good, the bad, and the ugly. Nature Reviews Cardiology, 2018, 15, 151-166.	13.7	286
32	Simple quantitative detection of mitochondrial superoxide production in live cells. Biochemical and Biophysical Research Communications, 2007, 358, 203-208.	2.1	283
33	Role of Poly(ADPâ€ribose) polymerase 1 (PARPâ€1) in Cardiovascular Diseases: The Therapeutic Potential of PARP Inhibitors. Cardiovascular Drug Reviews, 2007, 25, 235-260.	4.1	282
34	Cannabinoid CB2 receptor ligand profiling reveals biased signalling and off-target activity. Nature Communications, 2017, 8, 13958.	12.8	265
35	Potent Metalloporphyrin Peroxynitrite Decomposition Catalyst Protects Against the Development of Doxorubicin-Induced Cardiac Dysfunction. Circulation, 2003, 107, 896-904.	1.6	263
36	Endothelial dysfunction and angiogenesis impairment in the ageing vasculature. Nature Reviews Cardiology, 2018, 15, 555-565.	13.7	256

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37	Vasoprotective effects of resveratrol and SIRT1: attenuation of cigarette smoke-induced oxidative stress and proinflammatory phenotypic alterations. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2721-H2735.	3.2	246
38	Adenosine Augments IL-10 Production by Macrophages through an A2B Receptor-Mediated Posttranscriptional Mechanism. Journal of Immunology, 2005, 175, 8260-8270.	0.8	237
39	Interplay of oxidative, nitrosative/nitrative stress, inflammation, cell death and autophagy in diabetic cardiomyopathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 232-242.	3.8	232
40	Role of Poly(ADP-Ribose) Polymerase Activation in Diabetic Neuropathy. Diabetes, 2004, 53, 711-720.	0.6	224
41	CB₂-receptor stimulation attenuates TNF-Î±-induced human endothelial cell activation, transendothelial migration of monocytes, and monocyte-endothelial adhesion. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H2210-H2218.	3.2	223
42	Propagation of the apoptotic signal by mitochondrial waves. EMBO Journal, 2001, 20, 4107-4121.	7.8	219
43	Nitrosative stress and pharmacological modulation of heart failure. Trends in Pharmacological Sciences, 2005, 26, 302-310.	8.7	217
44	Cannabinoidâ€2 receptor mediates protection against hepatic ischemia/reperfusion injury. FASEB Journal, 2007, 21, 1788-1800.	0.5	215
45	Cannabinoid 1 Receptor Promotes Cardiac Dysfunction, Oxidative Stress, Inflammation, and Fibrosis in Diabetic Cardiomyopathy. Diabetes, 2012, 61, 716-727.	0.6	214
46	A2B adenosine receptors in immunity and inflammation. Trends in Immunology, 2009, 30, 263-270.	6.8	208
47	Cannabidiol Attenuates Cisplatin-Induced Nephrotoxicity by Decreasing Oxidative/Nitrosative Stress, Inflammation, and Cell Death. Journal of Pharmacology and Experimental Therapeutics, 2009, 328, 708-714.	2.5	207
48	The endocannabinoid system of the skin in health and disease: novel perspectives and therapeutic opportunities. Trends in Pharmacological Sciences, 2009, 30, 411-420.	8.7	207
49	A2A receptors in inflammation and injury: lessons learned from transgenic animals. Journal of Leukocyte Biology, 2008, 83, 447-455.	3.3	206
50	Lipopolysaccharide Induces Anandamide Synthesis in Macrophages via CD14/MAPK/Phosphoinositide 3-Kinase/NF-Î°B Independently of Platelet-activating Factor. Journal of Biological Chemistry, 2003, 278, 45034-45039.	3.4	203
51	Oxidative-Nitrosative Stress and Poly(ADP-Ribose) Polymerase (PARP) Activation in Experimental Diabetic Neuropathy: The Relation Is Revisited. Diabetes, 2005, 54, 3435-3441.	0.6	201
52	Shaping of monocyte and macrophage function by adenosine receptors. , 2007, 113, 264-275.		199
53	CB₂ cannabinoid receptor agonists attenuate TNFâ€Î±â€induced human vascular smooth muscle cell proliferation and migration. British Journal of Pharmacology, 2008, 153, 347-357.	5.4	193
54	Pharmacological Inhibition of CB1Cannabinoid Receptor Protects Against Doxorubicin-Induced Cardiotoxicity. Journal of the American College of Cardiology, 2007, 50, 528-536.	2.8	188

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55	Activation of Poly(ADP-Ribose) Polymerase-1 Is a Central Mechanism of Lipopolysaccharide-Induced Acute Lung Inflammation. American Journal of Respiratory and Critical Care Medicine, 2002, 165, 372-377.	5.6	187
56	Role of Oxidative-Nitrosative Stress and Downstream Pathways in Various Forms of Cardiomyopathy and Heart Failure. Current Vascular Pharmacology, 2005, 3, 221-229.	1.7	187
57	Adenosine receptor signaling in the brain immune system. Trends in Pharmacological Sciences, 2005, 26, 511-516.	8.7	186
58	The machinery of local Ca 2+ signalling between sarcoâ€endoplasmic reticulum and mitochondria. Journal of Physiology, 2000, 529, 69-81.	2.9	185
59	Endocannabinoids and cannabinoid receptors in ischaemiaâ€"reperfusion injury and preconditioning. British Journal of Pharmacology, 2008, 153, 252-262.	5.4	185
60	A2A adenosine receptors and C/EBPÎ² are crucially required for IL-10 production by macrophages exposed to Escherichia coli. Blood, 2007, 110, 2685-2695.	1.4	182
61	Role of peroxynitrite in the redox regulation of cell signal transduction pathways. Frontiers in Bioscience - Landmark, 2009, Volume, 4809.	3.0	181
62	Cannabinoid-2 receptor limits inflammation, oxidative/nitrosative stress, and cell death in nephropathy. Free Radical Biology and Medicine, 2010, 48, 457-467.	2.9	181
63	Poly(ADP-Ribose) Polymerase Is Activated in Subjects at Risk of Developing Type 2 Diabetes and Is Associated With Impaired Vascular Reactivity. Circulation, 2002, 106, 2680-2686.	1.6	179
64	Cell Typeâ€"Dependent Pro- and Anti-Inflammatory Role of Signal Transducer and Activator of Transcription 3 in Alcoholic Liver Injury. Gastroenterology, 2008, 134, 1148-1158.	1.3	179
65	Mitochondrial-targeted antioxidants represent a promising approach for prevention of cisplatin-induced nephropathy. Free Radical Biology and Medicine, 2012, 52, 497-506.	2.9	178
66	Anti-CD73 in Cancer Immunotherapy: Awakening New Opportunities. Trends in Cancer, 2016, 2, 95-109.	7.4	177
67	Activation of Poly(ADP-Ribose) Polymerase Contributes to Development of Doxorubicin-Induced Heart Failure. Journal of Pharmacology and Experimental Therapeutics, 2002, 300, 862-867.	2.5	175
68	Regulation of Macrophage Function by Adenosine. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 865-869.	2.4	175
69	N-arachidonoyl l-serine, an endocannabinoid-like brain constituent with vasodilatory properties. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2428-2433.	7.1	174
70	Cannabidiol attenuates high glucose-induced endothelial cell inflammatory response and barrier disruption. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H610-H619.	3.2	168
71	Aldose Reductase Inhibition Counteracts Oxidative-Nitrosative Stress and Poly(ADP-Ribose) Polymerase Activation in Tissue Sites for Diabetes Complications. Diabetes, 2005, 54, 234-242.	0.6	165
72	Adenosine A_{2A}receptor activation inhibits T helper 1 and T helper 2 cell development and effector function. FASEB Journal, 2008, 22, 3491-3499.	0.5	164

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73	Cannabidiol protects against hepatic ischemia/reperfusion injury by attenuating inflammatory signaling and response, oxidative/nitrative stress, and cell death. Free Radical Biology and Medicine, 2011, 50, 1368-1381.	2.9	163
74	CB1 cannabinoid receptors promote oxidative stress and cell death in murine models of doxorubicin-induced cardiomyopathy and in human cardiomyocytes. Cardiovascular Research, 2010, 85, 773-784.	3.8	162
75	Part I: Pathogenetic Role of Peroxynitrite in the Development of Diabetes and Diabetic Vascular Complications: Studies With FP15, A Novel Potent Peroxynitrite Decomposition Catalyst. Molecular Medicine, 2002, 8, 571-580.	4.4	162
76	Poly(ADP-Ribose) Polymerase Inhibition Reduces Reperfusion Injury After Heart Transplantation. Circulation Research, 2002, 90, 100-106.	4.5	160
77	Opportunities for the repurposing of PARP inhibitors for the therapy of nonâ€oncological diseases. British Journal of Pharmacology, 2018, 175, 192-222.	5.4	160
78	Role of peroxynitrite in the pathogenesis of cardiovascular complications of diabetes. Current Opinion in Pharmacology, 2006, 6, 136-141.	3.5	159
79	Role of Poly(ADP-Ribose) Polymerase-1 Activation in the Pathogenesis of Diabetic Complications: Endothelial Dysfunction, as a Common Underlying Theme. Antioxidants and Redox Signaling, 2005, 7, 1568-1580.	5.4	158
80	Trends in the Development of New Antidepressants. Is there a Light at the End of the Tunnel?. Current Medicinal Chemistry, 2004, 11, 925-943.	2.4	155
81	Resistance to Acute Septic Peritonitis in Poly(ADP-ribose) Polymerase-1-Deficient Mice. Shock, 2002, 17, 286-292.	2.1	148
82	Oxidative stress and accelerated vascular aging: implications for cigarette smoking. Frontiers in Bioscience - Landmark, 2009, Volume, 3128.	3.0	148
83	Ca2+ marks: Miniature calcium signals in single mitochondria driven by ryanodine receptors. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2380-2385.	7.1	146
84	Endothelial function and vascular oxidative stress in long-lived GH/IGF-deficient Ames dwarf mice. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1882-H1894.	3.2	139
85	Control of apoptosis by IP3and ryanodine receptor driven calcium signals. Cell Calcium, 2000, 28, 349-363.	2.4	138
86	Poly(ADP-Ribose) Polymerase Inhibition Alleviates Experimental Diabetic Sensory Neuropathy. Diabetes, 2006, 55, 1686-1694.	0.6	137
87	Adenosine signalling in diabetes mellitusâ€"pathophysiology and therapeutic considerations. Nature Reviews Endocrinology, 2015, 11, 228-241.	9.6	133
88	Vascular Dysfunction in Aging: Potential Effects of Resveratrol, an Anti- Inflammatory Phytoestrogen. Current Medicinal Chemistry, 2006, 13, 989-996.	2.4	132
89	Peroxynitrite is a major trigger of cardiomyocyte apoptosis in vitro and in vivo. Free Radical Biology and Medicine, 2006, 41, 886-895.	2.9	131
90	Adenosine signaling and the immune system: When a lot could be too much. Immunology Letters, 2019, 205, 9-15.	2.5	130

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91	Dysfunction of Nitric Oxide Mediation in Isolated Rat Arterioles With Methionine Dietâ€"Induced Hyperhomocysteinemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 1899-1904.	2.4	127
92	Aging aggravates alcoholic liver injury and fibrosis in mice by downregulating sirtuin 1 expression. Journal of Hepatology, 2017, 66, 601-609.	3.7	123
93	Pivotal Advance: Cannabinoid-2 receptor agonist HU-308 protects against hepatic ischemia/reperfusion injury by attenuating oxidative stress, inflammatory response, and apoptosis. Journal of Leukocyte Biology, 2007, 82, 1382-1389.	3.3	122
94	Cannabinoids in pancreatic cancer: Correlation with survival and pain. International Journal of Cancer, 2008, 122, 742-750.	5.1	121
95	Adenosine augments IL-10-induced STAT3 signaling in M2c macrophages. Journal of Leukocyte Biology, 2013, 94, 1309-1315.	3.3	120
96	Cannabidiol Protects against Doxorubicin-Induced Cardiomyopathy by Modulating Mitochondrial Function and Biogenesis. Molecular Medicine, 2015, 21, 38-45.	4.4	120
97	Current Trends in the Development of New Antidepressants. Current Medicinal Chemistry, 2001, 8, 89-100.	2.4	119
98	Adenosine A2A Receptor Inactivation Increases Survival in Polymicrobial Sepsis. Journal of Immunology, 2006, 176, 5616-5626.	0.8	119
99	The Endocannabinoid System and Plant-Derived Cannabinoids in Diabetes and Diabetic Complications. American Journal of Pathology, 2012, 180, 432-442.	3.8	119
100	NLRC4 Inflammasome-Mediated Production of IL-1Î² Modulates Mucosal Immunity in the Lung against Gram-Negative Bacterial Infection. Journal of Immunology, 2012, 188, 5623-5635.	0.8	119
101	CB₁ cannabinoid receptors promote oxidative/nitrosative stress, inflammation and cell death in a murine nephropathy model. British Journal of Pharmacology, 2010, 160, 657-668.	5.4	118
102	Role of the endocannabinoid system in diabetes and diabetic complications. British Journal of Pharmacology, 2016, 173, 1116-1127.	5.4	118
103	A2B Adenosine Receptors Protect against Sepsis-Induced Mortality by Dampening Excessive Inflammation. Journal of Immunology, 2010, 185, 542-550.	0.8	117
104	Trastuzumab Alters the Expression of Genes Essential for Cardiac Function and Induces Ultrastructural Changes of Cardiomyocytes in Mice. PLoS ONE, 2013, 8, e79543.	2.5	117
105	Inhibition of voltage-gated calcium channels by fluoxetine in rat hippocampal pyramidal cells. Neuropharmacology, 2000, 39, 1029-1036.	4.1	116
106	Monoacylglycerol Lipase Controls Endocannabinoid and Eicosanoid Signaling and Hepatic Injury in Mice. Gastroenterology, 2013, 144, 808-817.e15.	1.3	116
107	PARP inhibition protects against alcoholic and non-alcoholic steatohepatitis. Journal of Hepatology, 2017, 66, 589-600.	3.7	116
108	The Purinergic System as a Pharmacological Target for the Treatment of Immune-Mediated Inflammatory Diseases. Pharmacological Reviews, 2019, 71, 345-382.	16.0	115

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109	Left ventricular pressure-volume relationship in a rat model of advanced aging-associated heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H2132-H2137.	3.2	114
110	Pathophysiological mechanisms of catecholamine and cocaine-mediated cardiotoxicity. Heart Failure Reviews, 2014, 19, 815-824.	3.9	114
111	Fat-Specific Protein 27/CIDEC Promotes Development of Alcoholic Steatohepatitis in Mice and Humans. Gastroenterology, 2015, 149, 1030-1041.e6.	1.3	114
112	Cannabinoidâ€1 receptor activation induces reactive oxygen speciesâ€dependent and â€independent mitogenâ€activated protein kinase activation and cell death in human coronary artery endothelial cells. British Journal of Pharmacology, 2010, 160, 688-700.	5.4	113
113	Î²-Caryophyllene ameliorates cisplatin-induced nephrotoxicity in a cannabinoid 2 receptor-dependent manner. Free Radical Biology and Medicine, 2012, 52, 1325-1333.	2.9	112
114	Mitochondrial reactive oxygen species generation triggers inflammatory response and tissue injury associated with hepatic ischemiaâ€"reperfusion: Therapeutic potential of mitochondrially targeted antioxidants. Free Radical Biology and Medicine, 2012, 53, 1123-1138.	2.9	111
115	Interleukin-22 ameliorates acute-on-chronic liver failure by reprogramming impaired regeneration pathways in mice. Journal of Hepatology, 2020, 72, 736-745.	3.7	109
116	Endocannabinoids acting at CB1receptors mediate the cardiac contractile dysfunction in vivo in cirrhotic rats. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1689-H1695.	3.2	107
117	The emerging role of the endocannabinoid system in cardiovascular disease. Seminars in Immunopathology, 2009, 31, 63-77.	6.1	107
118	Beyond THC and Endocannabinoids. Annual Review of Pharmacology and Toxicology, 2020, 60, 637-659.	9.4	107
119	The adenosine A3 receptor agonist, N6-(3-iodobenzyl)-adenosine-5â€²-N-methyluronamide, is protective in two murine models of colitis. European Journal of Pharmacology, 2003, 466, 323-329.	3.5	106
120	Extracellular ATP protects against sepsis through macrophage P2X7 purinergic receptors by enhancing intracellular bacterial killing. FASEB Journal, 2015, 29, 3626-3637.	0.5	106
121	Role of Oxidative and Nitrosative Stress, Longevity Genes and Poly(ADPribose) Polymerase in Cardiovascular Dysfunction Associated with Aging. Current Vascular Pharmacology, 2005, 3, 285-291.	1.7	104
122	Poly (ADP-ribose) polymerase-1 is a key mediator of liver inflammation and fibrosis. Hepatology, 2014, 59, 1998-2009.	7.3	103
123	Overactive cannabinoid 1 receptor in podocytes drives type 2 diabetic nephropathy. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5420-8.	7.1	102
124	A Mechanistic Review of Cell Death in Alcoholâ€Induced Liver Injury. Alcoholism: Clinical and Experimental Research, 2016, 40, 1215-1223.	2.4	102
125	Targeting cannabinoid receptor CB₂ in cardiovascular disorders: promises and controversies. British Journal of Pharmacology, 2012, 167, 313-323.	5.4	101
126	Pharmacologic inhibition of poly(adenosine diphosphate-ribose) polymerase may represent a novel therapeutic approach in chronic heart failure. Journal of the American College of Cardiology, 2002, 40, 1006-1016.	2.8	100

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127	Haemodynamic profile and responsiveness to anandamide of TRPV1receptor knock-out mice. Journal of Physiology, 2004, 558, 647-657.	2.9	100
128	Modulation of the Endocannabinoid System in Cardiovascular Disease. Hypertension, 2008, 52, 601-607.	2.7	100
129	Cutting Edge: IL-1Î± Is a Crucial Danger Signal Triggering Acute Myocardial Inflammation during Myocardial Infarction. Journal of Immunology, 2015, 194, 499-503.	0.8	100
130	Flagellin from Gram-Negative Bacteria is a Potent Mediator of Acute Pulmonary Inflammation in Sepsis. Shock, 2003, 19, 131-137.	2.1	99
131	Decreased age-related cardiac dysfunction, myocardial nitrative stress, inflammatory gene expression, and apoptosis in mice lacking fatty acid amide hydrolase. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H909-H918.	3.2	99
132	Adenosine Augments IL-10 Production by Microglial Cells through an A2B Adenosine Receptor-Mediated Process. Journal of Immunology, 2012, 188, 445-453.	0.8	99
133	Cisplatin Nephrotoxicity Involves Mitochondrial Injury with Impaired Tubular Mitochondrial Enzyme Activity. Journal of Histochemistry and Cytochemistry, 2012, 60, 521-529.	2.5	99
134	Potential role for 8â€oxoguanine DNA glycosylase in regulating inflammation. FASEB Journal, 2005, 19, 1-18.	0.5	98
135	A2B Adenosine Receptors Prevent Insulin Resistance by Inhibiting Adipose Tissue Inflammation via Maintaining Alternative Macrophage Activation. Diabetes, 2014, 63, 850-866.	0.6	98
136	Quantification of calcium signal transmission from sarcoâ€endoplasmic reticulum to the mitochondria. Journal of Physiology, 2000, 529, 553-564.	2.9	97
137	Oxidative Inactivation of Key Mitochondrial Proteins Leads to Dysfunction and Injury in Hepatic Ischemia Reperfusion. Gastroenterology, 2008, 135, 1344-1357.	1.3	96
138	Trastuzumab cardiotoxicity: from clinical trials to experimental studies. British Journal of Pharmacology, 2017, 174, 3727-3748.	5.4	95
139	Neutrophilâ€“Hepatic Stellate Cell Interactions Promote Fibrosis inÂExperimental Steatohepatitis. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 399-413.	4.5	95
140	Cannabinoids Ameliorate Pain and Reduce Disease Pathology in Cerulein-Induced Acute Pancreatitis. Gastroenterology, 2007, 132, 1968-1978.	1.3	94
141	Diabetesâ€induced overexpression of endothelinâ€1 and endothelin receptors in the rat renal cortex is mediated via poly(ADPâ€ribose) polymerase activation. FASEB Journal, 2003, 17, 1-18.	0.5	93
142	Adenosine receptor activation ameliorates type 1 diabetes. FASEB Journal, 2007, 21, 2379-2388.	0.5	93
143	Nicotine Exerts an Anti-inflammatory Effect in a Murine Model of Acute Lung Injury. Inflammation, 2011, 34, 231-237.	3.8	93
144	Poly(ADP-ribose) polymerases as modulators of mitochondrial activity. Trends in Endocrinology and Metabolism, 2015, 26, 75-83.	7.1	92

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145	Comparison of Inflammation, Organ Damage, and Oxidant Stress Induced by Salmonella enterica Serovar Muenchen Flagellin and Serovar Enteritidis Lipopolysaccharide. Infection and Immunity, 2002, 70, 192-198.	2.2	90
146	A new cannabinoid CB‹sub›2‹/sub› receptor agonist HUâ€910 attenuates oxidative stress, inflammation and cell death associated with hepatic ischaemia/reperfusion injury. British Journal of Pharmacology, 2012, 165, 2462-2478.	5.4	90
147	Sulforaphane, a natural constituent of broccoli, prevents cell death and inflammation in nephropathy. Journal of Nutritional Biochemistry, 2012, 23, 494-500.	4.2	89
148	Endothelial dysfunction in aging animals: the role of poly(ADP-ribose) polymerase activation. British Journal of Pharmacology, 2002, 135, 1347-1350.	5.4	88
149	Aldose reductase inhibition counteracts nitrosative stress and poly(ADP-ribose) polymerase activation in diabetic rat kidney and high-glucose-exposed human mesangial cells. Free Radical Biology and Medicine, 2006, 40, 1454-1465.	2.9	88
150	Definition of hidden drug cardiotoxicity: paradigm change in cardiac safety testing and its clinical implications. European Heart Journal, 2019, 40, 1771-1777.	2.2	88
151	A peroxynitrite decomposition catalyst counteracts sensory neuropathy in streptozotocin-diabetic mice. European Journal of Pharmacology, 2007, 569, 48-58.	3.5	86
152	DEP domainâ€"containing mTORâ€"interacting protein suppresses lipogenesis and ameliorates hepatic steatosis and acuteâ€onâ€chronic liver injury in alcoholic liver disease. Hepatology, 2018, 68, 496-514.	7.3	85
153	Neutrophil-to-hepatocyte communication via LDLR-dependent miR-223â€"enriched extracellular vesicle transfer ameliorates nonalcoholic steatohepatitis. Journal of Clinical Investigation, 2021, 131, .	8.2	85
154	Speculations on Difference between Tricyclic and Selective Serotonin Reuptake Inhibitor Antidepressants on Their Cardiac Effects. Is There Any?. Current Medicinal Chemistry, 1999, 6, 469-480.	2.4	85
155	G Protein-coupled Endothelial Receptor for Atypical Cannabinoid Ligands Modulates a Ca2+-dependent K+ Current. Journal of Biological Chemistry, 2003, 278, 46188-46194.	3.4	84
156	Inosine Reduces Systemic Inflammation and Improves Survival in Septic Shock Induced by Cecal Ligation and Puncture. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 1213-1220.	5.6	83
157	A New, Potent Poly(ADP-ribose) Polymerase Inhibitor Improves Cardiac and Vascular Dysfunction Associated with Advanced Aging. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 485-491.	2.5	83
158	Early diabetes-induced biochemical changes in the retina: comparison of rat and mouse models. Diabetologia, 2006, 49, 2525-2533.	6.3	83
159	Ecto-5â€²-Nucleotidase (CD73) Decreases Mortality and Organ Injury in Sepsis. Journal of Immunology, 2011, 187, 4256-4267.	0.8	83
160	Macrophage P2X4 receptors augment bacterial killing and protect against sepsis. JCI Insight, 2018, 3, .	5.0	82
161	Increased myogenic tone in skeletal muscle arterioles of diabetic rats. Possible role of increased activity of smooth muscle Ca2+ channels and protein kinase C. Cardiovascular Research, 1999, 43, 1018-1028.	3.8	81
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